

## PART 1 - GENERAL

### 1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by the basic designation only.

#### NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

NFPA 10 1990 Fire Extinguishers, Portable

### 1.2 SUBMITTALS

Submit the following in accordance with section, 01330 “Submittal Procedures”.

#### 1.2.1 SD-02, Manufacturer’s Catalog Data

Provide manufacturer’s catalog data for:

- a. fire extinguisher cabinets
- b. fire extinguishers
- c. entrance mats

#### 1.2.2 Fire Extinguisher Cabinets

a. Product data for fire extinguisher cabinets include rough-in dimensions, details showing mounting methods, relationships of box and trim to surrounding construction, door hardware, cabinet type and materials, trim style, door construction, panel style, and materials.

### 1.3 DELIVERY, STORAGE AND PROTECTION

Deliver materials to the site in undamaged condition, in the original containers or packages, complete with accessories and instructions. Label packages with the manufacturer’s name and brand designations. Store materials in a well ventilated enclosure. Do not expose to extreme changes in temperature or humidity that could cause damage to the materials. Do not store materials in the building until wet-applied materials are dry. Replace defective or damaged materials.

### 1.4 QUALITY ASSURANCE

1.4.1 Single-Source Responsibility: Obtain extinguishers and cabinets from one source from a single manufacturer.

1.4.2 Coordination: Verify that extinguisher cabinets are sized to accommodate type and capacity of extinguishers indicated.

1.4.3 UL-Listed Products: Fire extinguishers shall be UL listed with UL Listing Mark for type, rating, and classification of extinguisher.

## PART 2 - PRODUCTS

## 2.1 CABINETS FOR FIRE EXTINGUISHERS

Provide semi-recessed type.

### 2.1.1 Case

Semi-recessed with 4 inches or less return trim with a rolled edge to meet ADA requirements. Maximum wall opening dimensions shall be 12 1/2" inch(w) X 27"(h) X 3 1/4" inch (d).

### 2.1.2 Door Construction

18 gage thick reinforced for flatness and rigidity; recessed handle to meet ADA requirements. Door glazing to be 1/4" inch wireglass (clear).

### 2.1.3 Hardware

Full-length piano hinge, roller catch and manufacturer's recessed pull handle.

## 2.2 FIRE EXTINGUISHERS

2.2.1 General: Provide extinguishers for each extinguisher cabinet and other locations indicated. Type UL-rated Class 3A – 40 BC; 5 lb. capacity.

## 2.3 ENTRANCE MAT

Provide rubber backed carpet entrance mats.

### 2.3.1 Cushion

Provide weather-resistant rubber cushion on the underside of mat to prevent movement.

### 2.3.2 Overall Depth: 1/2" inch.

### 2.3.3 Mat Edging

Rubber square edging.

## PART 3 - EXECUTION

### 3.1 FIRE EXTINGUISHER CABINETS

#### 3.1.1 Cabinet Installation

Install cabinets plumb and level, anchored to structural elements using not less than two anchors each, top and bottom of each cabinet. Anchors shall be type and size recommended by cabinet manufacturer's product data for substrate encountered, concealed within closed cabinet, with exposed heads finished to match cabinet interior.

Provide blocking built into walls at anchorage locations. Where cabinet is installed in a fire rated wall assembly, provide fire-rated wall construction enclosing cabinet. Cabinet assembly shall conceal edges of rough opening into which cabinet is installed. Install cabinets with top of cabinet case 4'-6" inch above finished floor level.

END OF SECTION